□□□□□□□ □□□□□□□□
□□□□□□□□□□□ □□□□□□□□ □□□□□

ΔFosB

□□□□□□ □□□□□□□ □□□□

□□□□□□□□□□, □□□□□, □□□□□□ □□□ □□□□□□□□ □□□□ - □□□□□□□□ □□□□□□□

⚠ □□□□□□□ □□□□□□ □□□□□ □□□ □□□□□□□□□□ □□□□□ — □□□ □□□□ □□□□□□□ □□ □□□□□□□ □□□□□□□□ □□□□□□□ □□□
□□□□□□□□: **999** □□□□□□ □□□ □□□□ □□□□ **01779-554391** □□□□□□ □□□□□□ □□□□□

□□□□ □□□□ □□□ □□□□ □□□□

□□□ □□ □□□□□□ □□□□□□□□ □□□□□□□, □□ □□□ □□□□□□□□□□□ □□□□□ □□□□□□□□□□, ΔFosB □□□□□□□□□□□□ □□□□□□ □□□□□□ □□□□□□□□□□□ □□□□□□□□□□ (□□ □□□□□□□□ □□□□□ □□ □□□□□□□□□ □□□ □□□□□□□ □□□□□□□ □□□□ □□□□ □□□ □□□□ □□□□□), □□□□□ □□□ □□□□□□□□□□ □□□□□□□□ □□□□□□□ □□□□□□□ □□ □□□□ □□□□ □□□ □□ □□□□ □□□□ □□ □□ □□□□□□□□ □□□□ □□□□□, □□□ □□□□□□□□□□□□ □□□□□□□□□□ □□□□□□□□ □□□□□□□□□ □□□□ □□□□□□ □□□□□□□□□□□□ □□□: □□□ □□□-□□□□ □□□□□□ □□□□□□□ "□□□□□□□"-□ □□□□ □□□□□□□□ □□□ □□□□ □□□ □□□□, □□□ □□□ □□□□□□□□ □□□□□□ □□□ □□□□□□□□ □□□□□□ □□□ □□□□□ □□□ □□□□□□□□□□□□□ □□□□ □□□□

□□□□□ □□□□□□□□□□ □□□□ □□□□ □□□□□ □□□□□□□□: ΔFosB-□□ □□□□□ □□□□□□□ □□□□□□□□□ □□□□□□ □□□□ □□□□□□ □□□ □□□□□ □□ □□□ □□□□ □□□ □□□□□ □□□□□□ □□□□□ □□□□ □□□□□□□□ □□□ □□□ □□□□□□, □□□□□□-□□□□□□ □□□-□□□□□□□□□□□□ □□□□□□□ □□□ □□□□ □□□□□□ □□□□□□□ □□□□□-□□□□□□ □□□□□□ □□□□□□ □□□□ □□□□□□ □□□□□□□ □□□□□□□□ □□□□□□ □□□□□□□□□□□□ □□□□□□, □□□ □□□□□ □□□□□□□□□□□ □□□□□□ □□□ □□□□□□ □□□□ □□□□□□□□□ □□□□ □□ □□□□□□□□ □□□□□□ □□□□ □□□□□□□□□□□□□ □□□□□□ □□□□□, □□□ □□□□ □□□ □□□□□□□□□□□□ □□□□□□□ □□□ □□□ □□□□□□□□□□□□— uncertainty (□□□□□□□□□□) □□□ □□□□□

□□□□□□ □□□□□□□

□□ □□□□□ "□□□□□□□ □□□□□□□" □□□□□□□ □□□□ □□□□□□□ □□□ □□□□□□ □□□□□□□□ □□□□□□□□□

- □□□□□□□□□□ — □□□□□□□□□, □□□□□□□□□□□□□□, □□□ □□□□□□□□□ □□□□□□ (□□□□□□□ ΔFosB-□□ □□□□□□□□ □□□□□□ □□□□□□ □□□□□□□□□ □□□□□□; □□□□□□□ □□□□□□□□ □□□□□□ □□□□□□ □□□ □□□□□□)□
- □□□□□□□□ — □□□□□□□□□ □□□□□□□□□□ □□ □□□□□□□□□□□□□ □□□□ □□ □□□ □□□□ □□□□□□□ □□□□
- □□□□□□□□ - □□□□□□□□, □□□□□□□□ □□□□□□□□, □□□□ □□□□□□□□□ □□□□
- □□□□/□□□□□□□□ □□□□□□□□ — □□ □□□□□□□ □□□□□□□□ □□□□□□□ □□□□ □□□□□□; □□□□□ □□□□ □□□ hypothesis hypothesis, □□□□ □□□□□□□□□□ □□□□ □□□□□□ □□□□□□□ □□□ □□□□□
- □□□□□□□□/□□□□□ - □□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□□□ □□□□□□
- □□□□□□□□□□ □□ — □□□ □□□□□□□□□□ □□□ □□□□□ □□□□ □□□□□ □□□ □□□□□□□□ □□□□□□□□ □□□, □□□□□□ □□□□ □□ □□□□□□□□ □□□□ □□□□ □□□□□□□□□□ □□□□□□ □□□□

□. ΔFosB □□□□ □□— □□□□□□□□ □□□□□□□□□□

□□□□□□□ □□□□□□□□
□□□□□□□□□□□ □□□□□□□□ □□□□□

[□□□□□□□□□□□□] (□□□□□□□ □□□□□; □□ □□□□□□□□□□ □□□□□ □□□□□ □□□□□□□□□□□ □□□□□ □□□□□ □□□□□□□□□□ □□□□□□□-□□□□□□□□□□□□□□□□ □□□□□□□□□ □□□□□□□□□ □□□□□□□□□□□□)□

ΔFosB □□□ FOSB □□□□□□ □□□□□ □□□□□□□□□□ □□□□□□□□□ □□□□□□□□□□□□□, □□□ □□□□ □□□□□ □□□□□□□□□□□□□□□□ □□□□□□□□□ □□□□□□□ □□□□ □□□□—□□□□□ □□□□□□□□ □□ □□□□□□□□□ □□□□□□□□□□ □□□□□ □□ □□□□□ □□□□—□□□□ □□□□ □□□□□□□□□□□□□ □□□□□□□□□□□□□□□, □□□□□□ □□□□□□□□□□□□□□□ □□□□ □□□□□□□□□□□□□□□□□□□ □□□□□□□□□ □□□□□□□□□Concentrated □□□□□□ □□ □□□□□ □□□□, □□□□□□□□ □□□□□□□□□□□□□ □□□□ □□□□ □□□□□□ □□ □□□□ □□□□ □□□□ □□□□□, □□□□ □□ □□□□□□ □□□□□ □□□□□□□□□□ □□□□ □□□□□□□□□□ □□□□□□□□□□□□ □□□□□□□:

- □□□□□□□□□□□ (splicing) □□□□□ □□□□□ □□□□ □□□□□ □□□□□□□□□□□ □□□□□□□□□□ □□□□□□, □□□□□ □□□□□□ □□□□□ (□□□□□□□□ □□□□ □□□□□□□□□ □□□□□□□□□□□□, □□□□□□□□□□□□□/□□□□□□□ □□ □□□□ □□□□□ □□□□□□□□□-□□□□□□□□□□ □□□□□□□□ □□□□□□□□□□□□□ □□□□□□□□) □□□□□□□□ □□□□□-□□□□□□□□□□ □□□□□□□□□□□□□ □□□□□□ □□□□□□□□□□ □□□□□□□□□ □□□□□ □□□□□□□□□□, Δ□□□□□□□□ □□□□□□□□□□□□□□ □□-□□□□□□□□□□ □□□□□□□□ □□□□□□□□□□ □□□□□, □□ □□□□□□□□□ □□□□□ □□□□□□□□ □□□□□□□□ □□□□ □□□□□□ □□□□□□□□ □□□□□ □□□□□□□□ □□□□ □□□□□□□□□□□□-□□□□□□□□□□□□□□□ □□□□□□□□□ □□□□ □□□□□□□□ □□□□□□, Δ□□□□□□□□ □□□□□□□□□□ □□□□ □□□□ □□□□□□□□□□ □□□□□□ □□□□□ □□□□ □□□□□□□□ □□□□—□□□□□□□ □□ □□□□□□□□□ □□□□ □□□□□ □□□□□□□□□□□□ □□□□□□ □□□□□□□ □□□□□□□□ □□□□□□
- □□□□□□□□□□□ □□□□□ □□□□□ □□□□ □□□□□ □□□□□□□□□ □□□□□□□ □ (□□□□□□□), □□□□□ □□□□□□□ □□ □□□□□□□ □□□□□□ □□□□□□□ □□□□□, ΔFosB □□□□□□□□□□ □□□□□□□ □□□□□ □□□□□ □□□□□□□□□□ □□□□□—□□□□□□ □□-□ □□□□□ □□□□□□ □□□□□□ □□□□□□ □□□□□ □□□□ □□□□□□□□□□ □□□□□□ □□□□□□ □□□□□□□□□ □□□□ □□ □□□□ □□□□□□□□□ □□□□□□ □□ □□□□□ □□□□□□□□□ □□□□□, □□ □□□□□□□□ □□□□□□ □□□□□ □□□□□ □□ □□□□□□□□□□□□□□ □□□□□□ □□□□ □□□□□□□□□□□, □□–□□ kDa □□□□□□□□□ □□ □□□□□□□ □□□□□□ □□□□□□□□□□ □□□□ □□□□ □□ □□□□ □□□□□ □□□□□□ □□□□□□□□□□ □□□□ □□ □□□□ □□□□, □□□□ □□□□□ □□□□□ □□□□□ □□□□□□

□□□□□□ □□□□□□□□□ □□□□□□□□ □□□□□□□ □□ □□□□ □□□□□□□□ □□□□□ □□□□□□□□□ □□□□□ □□□□□

□□□□□□□□□	□□□□□□□□□ □□□	□□□□ □□□□ □□□□?	□□□□□□□□□□□□□ □□□□	□□□□□□□
□□□□-□□□□□□ □□□□□□	~50 kDa	□□□□□ □□-□□□□□□□□□□ □□□□□□□ □□□□□□□□□ □□□□□□	□□-□□□□□□□□□□ □□□□□□□□□□□□ □□□□□□□ □□□□□□□□□□□- □□□□□□□□□□ome □□□□□□□□□□□	□□□□□□□□□□□□□ - □□□□□□ □□□□□□□
□□□□□□□□□□□□□□□□ □□□□□□□ □□□□□□	~33 kDa	□□□□□□-□/□□□□□□□-□ □□□□□□□□□□ □□□□□□□ □□□□□□□□□□□□ □□-□□□□□□□□□□ □□□□□□□□□□□ □□□□□□□ □□□□, □□□□□□□ □□□□□□ □□ □□□□□□□□□ □□□□□ □□□□	□□□□□□□□□□□□□□□□ □□□□□□□□□□□□, □□ □□□□□□□□□ □□-□□□□□□□□□□ □□□□□□□□ □□□□□	□□□□□ □□□□□□ □□□□□ □□□□□□ □□□□□□□□□□
□□□□□□□□□□□□□□ ("□□□□□□□□□□□") ΔFosB□	~35–37 kDa	□□□□□□ □□□□□□□ □ (□□□□□□□) □□□□□□ □□-□ □□□□□□□□□□□□□ □□□□□, □□□□ □□□□ □□□□□□□□□□ □□□□ □□□□□□□□□□□ □□ □□□□ □□□□□□□□ □□□□□□□□□□□□□ □□□□□□□□□□□□□□□ □□□□□ □□□□ □□□□□	□□□□□□□□□□□□□ □□□□□□□□□ □□□□□□□□□□ □□□□□□□□□ □□□□□□□ □□□□, □□□□ □□□□□□□□□□□□□ □□□□□□	□□□□□□□□□□□□□□□□□□ —□□□ □□□□□ □□□□□□□□□ □□□□□□ □□□□ □□□□ □□□□□ □□□□ □□□□ □□□□□□□□□□ □□□□□ □□□□□□□□□□, □□□□□□□□ □□□□ □□□□ □□□□□□□□□ □□□□□ □□□□□ □□ □□□□□□□□□ □□□□□ □□□□□□ □□□□□ □□□□□ □□□□□□□ □□□□□ □□□□□□ □□□□ □□□□ □□□□□□□□ □□□□ □□□□□□□ □□□□ □□□□□

□□□□□□□□: ΔFosB □□□ □□ □□ □□□□□ □□ □□□□□□□ □□□□□ □□□□ □□□□□— □□□□, □□□□□ □□□□□ □□□□□ □□□□□□□ □□□□ mRNA □□□□□□□□□□□□□□□□ □□□□ □□□□□□ □□□□ □□□□□□ □□□□ □□□□ □□□□ □□□□□, □□□□□□ □□□□□□□□□□□□□ □□□□□□□ □□□□, □□□□ □□□□□□□□□□ □□□□□ □□□□□ □□□□□ □□□□□□□□ □□□□ □□□□□ □□□□ □□□□□□ □□□□□□□□□□, □□□□□□□□□□□ □□□□□

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]

[illegible] / [illegible]	**ΔFosB-[illegible] [illegible]** [illegible]	[illegible] [illegible]	[illegible]
	[illegible] [illegible] [illegible]		
[illegible]	[illegible]-[illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible]iph[illegible]	[illegible] [illegible] [illegible]	[illegible]
[illegible]	[illegible] [illegible] [illegible] [illegible]-[illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] ([illegible] [illegible] [illegible])[illegible]	[illegible]
[illegible] (4-MMC)	[illegible] [illegible]/[illegible]/[illegible] [illegible]-[illegible], [illegible] [illegible] [illegible] [illegible]	[illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible]
[illegible] (bk-PMMA / 4-MeO-[illegible])	[illegible] [illegible]; [illegible] SERT-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] DAT-[illegible] [illegible]	[illegible] [illegible] [illegible]— [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible]/[illegible] [illegible] — [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]
[illegible] / [illegible] / [illegible] [illegible]	[illegible] [illegible] [illegible], [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible], [illegible] [illegible] [illegible]	[illegible] ([illegible], [illegible]-[illegible] [illegible])[illegible]
[illegible] [illegible] [illegible] / [illegible]	[illegible] [illegible]/[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ΔFosB-[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible]	[illegible]

[illegible] [illegible] [illegible] ΔFosB [illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]. [illegible] [illegible] — [illegible] [illegible] [illegible]

ΔFosB-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

[illegible]	[illegible] [illegible] [illegible]?	[illegible] [illegible]	[illegible]
	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]		
[illegible]	[illegible] [illegible] CK2-[illegible], [illegible]-[illegible] ΔFosB [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible]
[illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

- [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] c-fos-[illegible] [illegible], [illegible] [illegible]: ΔFosB, [illegible] AP-1 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] 1 (HDAC1) [illegible] [illegible] [illegible] [illegible] [illegible] HDAC1, [illegible] [illegible] [illegible] (H3K9) [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ΔFosB [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]
- [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] CDK5, AMPA [illegible] [illegible] GluA2 (GRIA2), [illegible] ARC—ΔFosB, BRG1-[illegible] [illegible] [illegible], [illegible] SWI/SNF [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] BRG1 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]-[illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] "[illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible]	[illegible] [illegible]	**ΔFosB-[illegible]**	[illegible]
[illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible]	"[illegible]"-[illegible] [illegible] [illegible] [

[illegible] [illegible]	[illegible] [illegible]	**ΔFosB-[illegible] [illegible] [illegible]**
P5P ([illegible]-5'- [illegible] — [illegible] [illegible])	AADC ([illegible]-[illegible] [illegible] [illegible] 5-[illegible] [illegible] [illegible] [illegible]) [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] D1/PKA/CREB [illegible] [illegible] [illegible] [illegible], [illegible] FOSB [illegible] [illegible] [illegible] ([illegible], [illegible]) - [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]	[illegible]	[illegible]	[illegible]
	[illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	
FOSB [illegible]-[illegible]/[illegible]-[illegible] [illegible]	PCBP1/SMAD3-[illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible]-[illegible] [illegible] (FosB) [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] — [illegible] [illegible] Δ[illegible] (ΔFosB) [illegible] [illegible]	[illegible] (ΔFosB)[illegible]

[illegible] [illegible] — [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible]-[illegible] [illegible] [illegible] [illegible] [illegible] ΔFosB-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] ΔFosB-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]	[illegible]	[illegible] [illegible] [illegible]	[illegible]
CSNK2A1 / CSNK2B (CK2 [illegible] [illegible] [illegible] [illegible] [illegible])	encodes the kinase that phosphorylates ΔFosB at Ser27.	[illegible] CK2 [illegible] ΔFosB-[illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible]	[illegible] ([illegible], [illegible])[illegible]
PCBP1 / SMAD3	[illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ΔFosB [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] FosB-[illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] ΔFosB-[illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] ([illegible], [illegible])[illegible]
ACVR1B (ALK4 [illegible])	SMAD3/PCBP1 [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] ΔFosB-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] ([illegible], [illegible])[illegible]

[illegible] [illegible] — [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] ΔFosB-[illegible] [illegible] ΔFosB-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] / [illegible]	[illegible]	**ΔFosB-[illegible]**	[illegible] — [illegible] [illegible]
CHRNB2 rs2072661	[illegible] 3' [illegible] (3' UTR) [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]	[illegible] [illegible] [illegible] [illegible]	**ΔFosB** [illegible] [illegible] [illegible]
	[illegible] [illegible] [illegible]	[illegible] [illegible] [illegible]/[illegible] [illegible], [illegible]]
CYP2D6, CYP3A4, CYP2C19, CYP1A2, CYP2C9, CYP2B6	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible], [illegible] ΔFosB [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]/[illegible] [illegible], [illegible]]
HNMT	[illegible] [illegible] [illegible]	ΔFosB [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [

[illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ΔFosB-[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] HDAC1/BRG1 [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] WGBS [illegible] [illegible] [illegible], [illegible] [illegible] [illegible]-[illegible] [illegible] [illegible]; [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] ΔFosB [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

> WGBS [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible] ΔFosB [illegible] [illegible] [illegible] [illegible]"[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible]

8. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[[illegible]/[illegible] [illegible]**]**, [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] "[illegible] [illegible] [illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [

[redacted]. "[redacted]", "[redacted]", [redacted] [redacted] [redacted] [redacted] [redacted]

[redacted] [redacted] [redacted] [redacted] [

□□□□□□□□□□ □□□□□□□□□□ (SIPS) □□□ □□□□ ΔFosB-□□ □□□□□□□□□□□□ □□□□□□□□□□, □□□□□ □□□□□□□□□□ □□□□□□□□□□□ (EGR3) □□□□ □□□□□□□□□□, DNA-□□□□□□-□□□□□□□□□□□□□ □□□□□□ (GADD45B/G) □□□ p21 (CDKN1A)-□□ □□□□□□□□□□□□ □□□□□□□□□ □□□□□□□□ □□□□, □□ □□ □□□□□□□□□□□□ □□□□□□□□□ □□□□□□□□□□□□□□□□□ □□□□□□□ □□□□□ □□□□□ □□□□ □□□□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□ □□□□□□ □□□□□□

- □-□□□□□□□ □□□□—□□□□□ □□□□□□□□□□□□□□□□ □□□□ □□□□□□□□□□□□□□□□□—□□□□□□□ □□□□□□□□□□□□□□□ □□□□-□ □□□□□□□□□□ □□□□□□□□□□□-□□□□□□□□□□□□□□□□□ □□□□□□□□□□ □□□□□□□□□ (□□□□□□□□□)-□□ □□□□□ □□□□□□□□□□□ □□ □□□□□□□□ □□□□ □□□□□□□□□□□□□□□ □□□□□□□□□ □□□□ □□□□□ □□□□□□□ □□□□□□□□□□□ □□□□□□ □□□□, □□ □□□□□□□□□ □□□□□ □□□□□□□-□□□□□□□□ □□□□□□□□□□□□□□□□□□□ □□□□□□□ □□□□□□ □□□□□□□□□□□□□ □□□□□□□□ □□□□□□□□ □□□□□□□ (□□□□□□□, □□□□□□□□□□□□□□□□□□□□□□) □□□□□□□ □□ □□□□□□□ □□□□ □□□□□□□□□ □□□□□□

- □□□□□□□□□□ □□□□□□ □□□□□□□□ □□— □□□□□□□□□□□ □□□□ □□□□□□□□□□□ □□□□□□ □□□□□□□□□□□□□□□□□□□□□□□□, ΔFosB-□□ □□□□□□□ □□□□□□□ □□□□□□□□□□□□□□□ □□□□□□□□□□ □□□□□□ □□□□□□□□□□□□□ □□□□□□□□ □□□□□□□ □□□□□ (□□□□□, □□□□□□ □□□□□□□□ □□□□□□□□□ □□□□ □□ □□□□-□□□□□□□□□□ □□□□ □□□□□□□)□ □□□□□ □□□□□□□□ □□□□ □□□□□□□□□-□□□□□ □□□□□□□□□, □□□□□□□□□□□□□□□□□□□□ ΔFosB-□□ □□□□ □□□□□ □□□□□□□□□ □□□□□□□□□□□□□□□□ □□□□□□ □□□□□□ □□□□□□ □□□□□, □□□□□□ □□□□□ □□□□□□□□□□□□ □□□□□□ □□□□□□—□□□□ □□□□□ □□□□□□□□□□□□ □□□□, □□□□□ □□□□ □□□□□□□□□ □□□□□□□ □□□□

□□ □□□□□□ □□□□□□□□□□□□ □□□□□ □□□□ □□□□ □□□□□ □□□□□□□□ □□□□□ □□□□□□□□ □□□□□□□□ □□□□□□□ □□□□□□ □□□□□□□□□□□□ □□□□ □□□□□□□—□□□□ □□□□□□ □□□□□□□□□□□□□□□□ □□□□□□□□□ □□□□□ □□□□□ □□□□□□□□□ □□□□ □□□□ □□□□ □□□□□□ □□□□ □□□□□□□ □□□□□ □□□□□□□ □□□□□□□□ □□□□□□□□□□□□ □□□□□□□□□□ □□□□□□□ □□□□□□ □□□□□ □□□□ □□ □□□□□□□□□□□□□ □□□□□□□□

□□. □□□□ □□ □□□□□□□ □□□□— □□□ □□□□□□□□□□□□□ □□□□□□□□□□□□□

- □□□□□□□□□□□□□ □□□□□□□□□□□ □□□□□ □□□□□□□—□□□ □□□□□□□□ □□□□□□□□□□□□□□ □□□□□□□□ □□□□ □□□□ □□□□ □□□□□□□□ □□□□□□ □□ □□□□ □□□□□□ □□□□□□□□□ □□□□□□□□□ □□□□□□ □□□□□□□ □□□□□□ □□□□□ □□□□□ □□□□□□□ □□□□□ □□□□□□

[□□□□□□□□□□□□] □□□□□□□□□□ □□□□□□□□ □□□□□ □□□□□□□□□□□ □□□□□□□□□□□□□□□-□ **ΔFosB-**□□ □□□□□□□□□ □□□□— □□ □□□□□ □□□□□□□□□ □□□□□□ □□□□□ □□□□□□□□□□□ □□□□□ □□□□□□ □□□□ □□□□ □□ □□□□□□□□□ □□□□□□□□□□ □□□□□□ □□□□□□□□□□□□□□□□□ □□□□ □□□□□ □□□□□□□□□□ □□□□□□□□ □□□□□□□ □□□□□ □□□□□□□□□□□, □□□□□□□ □□□□□ □□□□□□□□□ □□□□□□ □□□□□ □□□□□□□□□ □□□□□□□□ □□□□□□□ □□□□□□ □□□□ □□□□ □□□□□□□□, □□□□□□ □□□□□□ □□□□□□□□□ □□□□, □□□□□□□□ □□□□□□□□□ □□□□ □□□□□ □□□□□, □□□□□□□□ □□□□□ □□□□ □□□□□ □□□

- □□□□ - □□□□□□□□□□□□□□ □□□□□□□□□□□□□□□□ □□□□□ □□□□□□□□□ □□□□ □□□□□□□□ □□□□□□□□□□□□□□□□; □□□□□□□□□□□□□□ □□□□□□ □□□□□ □□□□□□□□□□ □□□□□□□□□□□□□□ □□□□□□□ □□□□□ □□□□□ (□□□□□ □□□□ □□□□□□□□□□ □□□□)□
- □□□□□□□ □□□□ □□□□□□ - □□□□□□□□□□□□□□□ □□□□□□□ □□□□ HPA □□□□□□□ □□□□□□□□ □□□□□□ ΔFosB □□□□□□□□□ □□□□□□□□□ □□□□, □□ □□□□□□□□□ □□□□□□ □□□□□ ΔFosB-□□ □□□□□ □□□□ □□□□ □□□□□□□ □□□□□
- □□□□□, □□ □□□□□ □□□□ □□□□□ □□□□□□□□□□ □□□□—□□□□□ □ □□□□ □-□ □□□□□□□□□ □□□□□□ □□□□□□□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□□□ □□□□□ □□□ □□□□□□□□ □□□□□ □□□□□, □□□□□□ □□□□ □□□□□ □□□□ □□□□ □□□□ □□□□ □□ □□□□ □□□□□□□□□ □□□□□□ □□□□□□□ □□□□ □□□□□ □□□□□, □□□□□□ □□□□□□□□□□□ □□□□ □□□□□□ □□□□□□ □□□□□□□□ □□□□□□□ □□□□□ □□□□□, □□□ □□□□ □□□□□ □□□□□□□□□□□□□ □□□□□□□□□□ □□□□□ □□□□□ □□□□—□□□□ □□□□□ □□ □□□□□□□□, □□□□ □□□□□□ □□□□□ □□□□□ □□□□□□□ □□□□□□□□ □□□□□ □□□□□, □□ □□□□□ □□□□□ □□□□ □□□□□ □□□□□□□□□□ □□□□□□□ □□□□□□ □□□□□, □□□□□ □□□□□□□□□ □□□□ □□□□□ □□□□ "□□□□□□" □□□□□ □□□□

□□□□□□□ □□□□□□□

ΔFosB □□□□□□□□□□□□□□ □□□□□□□□□ □□□□ □□ □□□□ □□□□□ □□□□□□□ □□□□□ □□□□□□□□□□ □□□□□□ □□□□□ □□□□ □□□□□□□□□ □□□□□ □□□□□, □□□□□□ □□□□ □□□□ □□□□□□□ □□□□□□ □□□□□ □□□□□ □□□□□□□□□ □□□□□□□ □□□□□ □□□□□—□□□ □□□□ □□□□□ □□□□□□, □□ □□□□□□□□□ □□□□ □□ □□□□, □□□□□ □□□□□□□□□ □□□□□ □□□□□□□ □□□□□ □□□□ □□□□□□□□□ □□□□□□ □□□□, □□□□ □□□□□□□□□ □□□□□ □□□□□ □□□□□□□□□ □□□□□□ □□□□□□□□□□□□ □□□□□□□□ □□□□ □□□□□ □□, □□□□ □□□□□□ □□□□□□□ □□□□□ □□□□□□□□□ □□□□□□□ □□□□□□ □□□□□□□□□□□ "□□□□□□□□□" □□□□□□ □□□□□ □□□□□ □□□□ □□□□□□

[illegible] [illegible] [illegible] [illegible] [illegible] "[illegible] [illegible]" [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]—[illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible]: [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] [illegible] (([illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] - [illegible] [illegible] [illegible] [illegible] [illegible])[illegible]